September 2026

Seasonal Influenza - INFLUENZA

EPIDEMIOLOGY

Influenza A and B viruses

- **Among the most prevalent infectious diseases.**
- **Causes of winter epidemics of respiratory infections**

50 million cases per year in the EU / EEL
15,000–17,000 deaths annually in the EU/EEL
290,000–650,000 deaths annually across the globe
Mortality rate of 13.8 per 100,000 cases.

18,534 cases were documented in 2024/2025.
2,162 cases among individuals aged 65 and older
78 fatalities recorded in 2024/2025

28,000 fatalities each year among individuals **under the age of 17**
Particularly for children **under the age of 4 years.**

The peak was attained in 2022 with 6,496 cases
Children aged **over 5 years** were predominantly impacted.
Hospitalisations primarily occurred in children **under the age of 4.**

VACCINATION

Organisation mondiale de la Santé

The World Health Organization seeks to attain a **vaccination rate of 75% among individuals aged 65 and older.**

In Luxembourg, the **vaccination rate for individuals aged 65 and older** is 42% (as of 2024).

SMI Conseil Supérieur des Maladies Infectieuses

The CSMI advocates for vaccinations for:

- **Individuals aged 65 and older**
- **Individuals under 65 years of age with comorbidities**
- **Children between the ages of 2 and 17 years.**
- **Children older than 6 months with comorbidities.**
- **Expectant mothers**

IN PRACTICE

Seasonal vaccinations debuts in October.

SD: Standard dosage for trivalent vaccines.
HD: High-dose trivalent vaccine;
ADJ: Adjuvanted trivalent vaccine
LAIV: Live attenuated vaccine;
IM: intramuscular **/ IN:** intranasal

Target population	Vaccine Classification / Delivery	Scheme
Individuals aged 65 and older	HD (or ADJ)/IM	Annual booster
Individuals aged 18 to 64 with comorbidities	SD/IM	Annual booster
6 months - 23 months with comorbidities	SD/IM	• **Never vaccinated:** 2 doses during the initial vaccination period, administered 4 weeks apart. • **Already vaccinated:** 1 annual seasonal vaccination.
2 to 17 years of age	LAIV/IN (or SD/IM)	**Up to the age of eight:** • Never vaccinated: 2 doses during the initial vaccination period, administered 4 weeks apart. • Already vaccinated: 1 annual seasonal vaccination. **From age 9:** 1 annual seasonal dosage. For intranasal administration: 1 spray in each nostril.
Pregnant women	SD/IM	Annual booster

Sources: CSMI recommendations regarding seasonal influenza vaccination for individuals aged 65 and older (August 2025) and for children and adolescents (October 2025)